

REMARKS

Claims 1-11 are rejected under Section 103 as being unpatentable over Johnson in view of Fujioka. It is conceded that Johnson fails to teach a drive circuit to apply positive potential during a negative cycle of the liquid crystal modulation and apply a negative potential during a positive cycle of the liquid crystal modulation to said top plate and to bias a pixel electrode with only a positive potential during both the positive and negative cycles of liquid crystal modulation. See the office action at the bottom of page 2 and the top of page 3.

It is asserted that Fujioka overcomes this deficiency citing a number of different paragraphs. The citation to page 10, paragraph 216, and page 11, paragraph 243, seem uninforming. The rest of the citations are to the embodiment 1. For example, paragraphs 152-154 and 156-158 are cited.

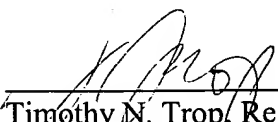
However, paragraph 159 seems to actually explain the provision of voltages. With reference to Figure 14, it is explained therein that the decoders 237b and 237a provide opposite polarity select gradation voltage signals through the switch 239. Thus, sometimes the signal line Y1 is connected to receive the positive gradation voltage from decoder 237a and the signal line Yi+1 is connected to receive the negative gradation voltage from the decoder 237b. See paragraph 159, lines 1-6. Conversely, in the case applying a negative gradation voltage to the signal line Y1, while applying a positive gradation voltage to the signal line Yi+1, the switch 239 operates letting the drain signal Y1 be connected to the amplifier 238b, that is in turn connected to the amplifier 237b, while connecting the signal line Yi+1 to the positive voltage amplifier 238a [the reference to 238b in the last line of paragraph 159 is obviously an error].

Thus, opposite polarities are always provided to the two signal lines. There does not seem to be any teaching of providing the same polarity during the negative cycle as suggested in the office action.

Therefore, reconsideration is respectfully requested.

Respectfully submitted,

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